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सं. 30]

नई विल्लो, शमिशार, जुलाई 26, 1975 (श्रावण 4, 1897)

No. 30]

NEW DELHI, SATURDAY, JULY 26, 1975 (SRAVANA 4, 1897)

इस भाग में जिन्हें पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 26th July 1975

CORRIGENDUM

In the issue of the Gazette of India, Part III, Section 2 dated the 14th June, 1975 under the heading "Patents deemed to be endorsed with the words 'Licences of Right'".

Against No. 126104

For (12-4-69)
read (10-4-69)

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

19th June, 1975

1215/Cal/75. Grasso's Koninklijke Machinefabrieken N.V., A method and an apparatus for manufacturing a gear-wheel for a rotary displacement machine.

1216/Cal/75. Stork-werkspoor Sugar B. V. and Suiker Unie Holding N.V. Method and device for obtaining sugar crystals from a sugar solution.

1217/Cal/75. Messerschmitt-Bolkow-Blohm Gesellschaft Mit beschränkter Haftung. Method primarily for the production of liquidcooled components for rocket combustion chambers or thrust nozzles.

1218/Cal/75. Shell Internationale Research Maatschappij B. V. Process and apparatus for the gasification of oil.

1219/Cal/75. FMC Corporation. Novel phosphonitrilic chloride esters and process. [Addition to No. 141/Cal/74].

1220/Cal/75. Atlantic Richfield Company. Process for the production of isocyanates.

1221/Cal/75. V. Seshamani. An oscillating engine.

167GI/75

1222/Cal/75. Mr. A. L. Bhatia. Improvements in or relating to systems for reducing pol and moisture in bagasse.

20th June, 1975

1223/Cal/75. Indian Institute of Technology. An apparatus for providing a long range continuous speed control.

1224/Cal/75. Burroughs Corporation. Carrier positioning system.

1225/Cal/75. The Dexter Corporation. Process of forming wet laid tufted nonwoven fibrous web and tufted product.

1226/Cal/75. Sunkist Growers, Inc. Conveyor for fragile objects.

21st June, 1975

1227/Cal/75. The Lucas Electrical Company Limited. Cycles. (June 28, 1974).

1228/Cal/75. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for the production of new aminophenylamidines. [Divisional date June 9, 1971].

1229/Cal/75. Otto Junker GMBH. Procedure for casting specified quantities of molten metal and device for carrying out this procedure.

1230/Cal/75. Roy E. Irwin and Alfred Aufhauser. Method and apparatus for wax deoiling.

23rd June, 1975

1231/Cal/75. Srimati Pragati Chaudhuri. Process for the preparation of a medicinal composition.

1232/Cal/75. R. Ahmad. An improvement in a carriage type drafting machine.

1233/Cal/75. A. K. Gupta, S. Kumar and J. Lal. Large range digital micromanometer.

1234/Cal/75. Maschinenfabrik Rieter A.G. Method of measuring a quantity of opened fibres. (August 2, 1974).

1235/Cal/75. Jayanta Mukerjee and S. K. Bhotika. An apparatus for getting rid of insect pests.

1236/Cal/75. Universal Oil Products Company. Hydrodesulfurization catalyst and method of manufacture and use thereof.

1237/Cal/75. Union Carbide Corporation. Phosphate stripping of sewage.

1238/Cal/75. The Lubrizol Corporation. Hot melt metal working lubricants and methods for their application.

1239/Cal/75. AG. FR. Mettler's Sohne Maschinenfabrik. Yarn singeing.

1240/Cal/75. Veb Arzne Imittelwerk Dresden. Process for the manufacture of new 3-carboxy-1-thia-Isochromane-1-dioxide derivatives. [Divisional date April 6, 1970].

24th June, 1975

1241/Cal/75. Abex Corporation. Control system for axial piston fluid energy translating device.

1242/Cal/75. Flow Research, Inc., High pressure seal.

1243/Cal/75. RCA Corporation. Method of making a semiconductor device.

1244/Cal/75. UCB, S.A. Continuous process for the production of tetramethylthiuram disulfide and ammonium sulfate. (June 23, 1974).

1245/Cal/75. Wendell E. Dunn, Inc. and Wendell Earl Dunn, Jr. Process for beneficiating a titaniferous ore and production of chlorine and iron oxide.

1246/Cal/75. E. Pedro. A rotary structure for the support of loads.

1247/Cal/75. Pont-A-Mousson S.A. Process and installation for extracting pipes from a centrifugal casting machine.

1248/Cal/75. Pont-A-Mousson S.A. Process and device for centrifugally casting spheroidal graphite cast iron pipes.

25th June, 1975

1249/Cal/75. Hoechst Aktiengesellschaft. Insecticidal compositions.

1250/Cal/75. Wiggins Teape Limited. Coated paper. (July 4, 1974).

1251/Cal/75. J. N. Lowe and B. C. Grebe. Improvements relating to the casting of articles containing calcined gypsum. (August 7, 1974).

1252/Cal/75. J. N. Lowe and B. C. Grebe. Improvements in constructional units. (August 7, 1974).

1253/Cal/75. Siemens Aktiengesellschaft. Electric cables.

1254/Cal/75. Chicago Pneumatic Tool Company. Over-speed safety control mechanism for rotary tools.

1255/Cal/75. Johns-Manville Corporation. An electric furnace with an improved furnace outlet.

1256/Cal/75. Carrier Corporation. Spring bias for a damper door of an air conditioning unit.

1257/Cal/75. Carrier Corporation. Means for mounting a rotatable lever in a thin wall.

1258/Cal/75. Mefina S.A. Electronic firing device for projectiles.

1259/Cal/75. Mefina S.A. Electric firing device for a pyrotechnic charge.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

9th June, 1975

154/Bom/75. Swastik Textile Trading Co. Private Ltd. A treatment chamber in and for an apparatus for treating fabrics with high temperature steam at atmospheric pressures and particularly in substantial or total absence of air. [Divisional date January 17, 1974].

10th June, 1975

155/Bom/75. Dr. B. B. Paul. A process for the manufacture of plantation white sugar from sugar cane.

156/Bom/75. A. N. Nimkar. Improvements in or relating to electrical terminals.

11th June, 1975

157/Bom/75. S. R. Mhatre. Manufacture of stamp-pad contained with plastic clip.

158/Bom/75. V. H. Chavda. Improved centrifugal grinder.

12th June, 1975

159/Bom/75. P. L. Lokgariwar. Activating fuel gas by electron radiation.

160/Bom/75. B. D. Behere. A mixture-cum-dryer/dehydrator.

161/Bom/75. Electro Ceramics India. A magnetic separator.

162/Bom/75. Dr. B. B. Paul. An equipment—continuous water cooled crystallizer for cane sugar industry.

163/Bom/75. Dr. B. B. Paul. An equipment—continuous juice sulphiter for cane sugar industry.

ALTERATION OF DATE

125288. The claim to convention date 21st February, 1969 has been abandoned and the application dated as of 16th February, 1970, the date of filing in India.

127424. Ante-dated to 24th June, 1969.

137456.

2822/Cal/74. Ante-dated to 26th November, 1968.

137449.

48/Bom/75. Ante-dated to 14th September, 1973.

137463.

1423/Cal/74. Ante-dated to 13th December, 1972.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F₁ + F₂b. & 55E₄. I.C.-CO7d 53/06. 83420.

PROCESS FOR THE MANUFACTURE OF BENZODIAZEPINE DERIVATIVES

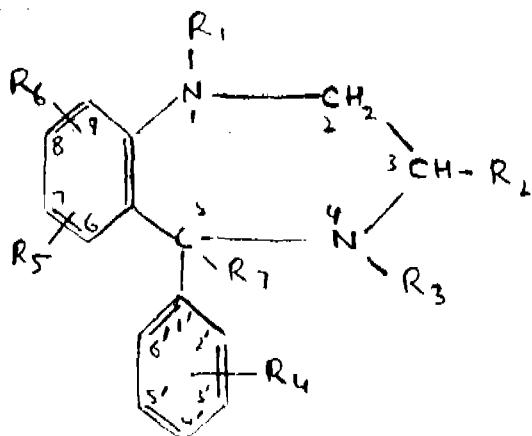
F. HOFFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT, OF 124-184 GRENZACHERSTRASSE, BASEL, SWITZERLAND.

Application No. 83420 filed July 25, 1962.

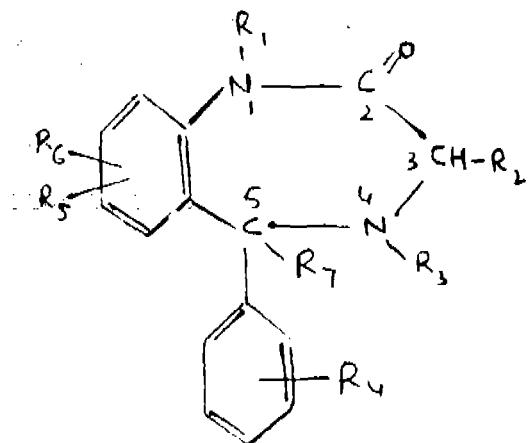
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A process for the manufacture of benzodiazepine derivatives of formula I.



which comprises reacting a compound of the general formula (II).



wherein R₁ and R₂ represent hydrogen, lower alkyl, lower alkenyl or lower alkanoyl, R₃ represents hydrogen or lower alkynyl and R₄, R₅ and R₆ represent hydrogen, halogen, trifluoromethyl, amino, nitro, lower alkylthio, lower alkylsulfonyl, lower alkylsulfinyl, lower alkoxy, hydroxy, lower alkyl or di-lower alkylamino, and R₇ represents hydrogen or together with R₃ an additional C-N-bond, with lithium aluminum hydride, and, if desired, transforming in a known manner as herein described a basic reaction product obtained in this way into an acid addition salt thereof.

CLASS 32F:d & 55E.. I.C.-CO7C 169/26. 87074.

PROCESS FOR PREPARING 17 α -ALKYLATED PREGNANE DERIVATIVES.

AYERST, MCKENNA & HARRISON, LIMITED, OF 1025 LAURENTIEN BOULEVARD, SAINT LAURENT, PROVINCE OF QUEBEC, CANADA.

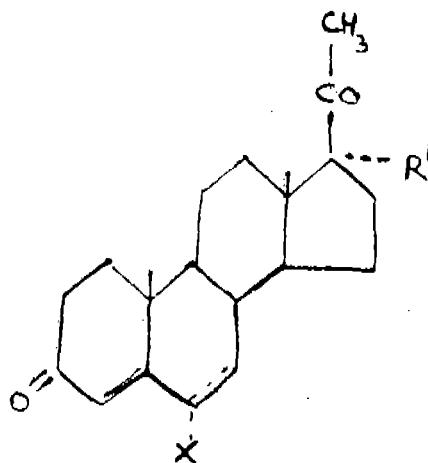
Application No. 87074 filed March 22, 1963.

Convention date March 23, 1962/(845,095) CANADA.

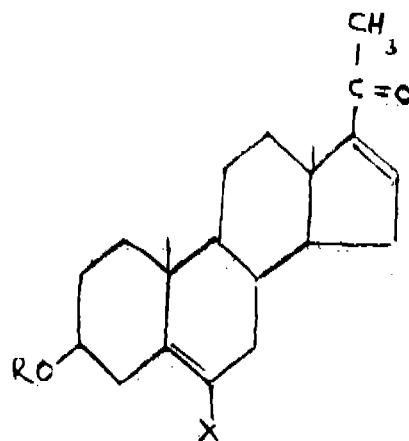
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

The process of preparing a 17 α -alkylated pregnane derivative of the formula V.



wherein R' represents a straight chain lower alkyl group containing from 1 to 4 carbon atoms and X represents hydrogen or methyl which comprises bringing together a steroidal α , β -unsaturated 20-ketone of the general formula I.



where R is hydrogen or acyl and X is selected from the group consisting of hydrogen and methyl, dissolved in a non-hydroxylated solvent miscible with liquid ammonia and inert to alkali metal dissolved therein, with a solution of an alkali metal in liquid ammonia and with an alkylating agent thereby to form the corresponding 17 α -alkylated pregnenolone, and dehydrogenating the latter by means of an Oppenauer-type oxidation to form the corresponding 17 α -alkylated progesterone or 17 α -alkylated 4-, 6- pregnadiene-3, 20-dione.

CLASS 32F:d. I.C.-CO7C 169/02, 169/10. 99765.

PROCESS FOR THE PREPARATION OF 7 α -METHYL-STEROIDS OF THE OESTRANE SERIES.

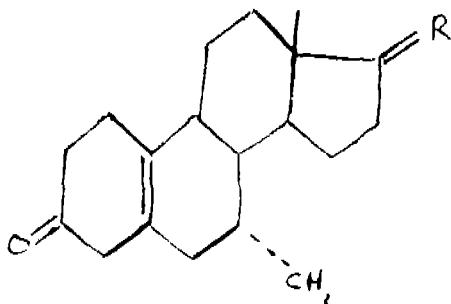
N. V. ORGANON, OF KLOOSTERSTRAAT 6, OSS, THE NETHERLANDS.

Application No. 99765 filed May 27, 1965.

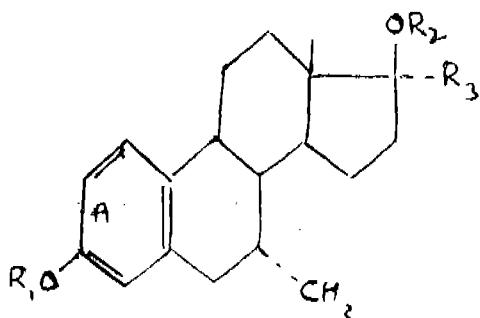
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Process for the preparation of novel $\Delta^7\alpha$ -Methyl-steroids of the formula shown in Fig. 1.



wherein R=a keto group, or the group OX (α Y), in which X is hydrogen, or an acyl group, and Y is hydrogen, or a lower alkyl, alkenyl or alkynyl group starting from a compound of the formula shown in Fig. 2.



wherein R₁=a hydrocarbon radical,

R₂=hydrogen or an acyl group, and

R₃=hydrogen, a lower alkyl group, or an lower alkenyl group, reducing this compound by a method known per se so as to convert the aromatic ring A into the Δ^2 , $\Sigma(10)$ -group, after which the 3-enolether group is hydrolysed by treatment with an acid under mild conditions to prepare the compounds having the desired $\Delta^5(10)$ -3-oxo-7- α -methyl group, said hydrolysis being preceded and/or followed by the introduction of the substituents requisite in 17-position and not yet present, according to methods known per se.

CLASS 32F₉a. I.C.-CO7C 129/02.

100901.

METHOD FOR PREPARING GUANIDINES AND ACID ADDITION SALTS THEREOF.

THE WELLCOME FOUNDATION LIMITED, OF 183-193, EUSTON ROAD, LONDON, N, W, 1, ENGLAND.

Application No. 100901 filed August 2, 1965.

Convention date August 5, 1964/(31828/64) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A process for preparing N-benzyl-N', N''-dimethylguanidine, or an acid addition salt thereof, comprising reacting a dialkyl N-unsubstituted imidocarbonate with benzylamine in the form of a salt or in the presence of an acid so as to form the corresponding N-benzylimidocarbonate, and reacting this product with methylamine in the presence of an acid or an acid addition salt of methylamine so as to form the corresponding N-benzyl-N', N''-dimethylguanidine acid addition salt.

CLASS 32F₉a. & 170A. I.C.-C11d 1/02, 1/38, 1/66, 3/04, 114400.

AN IMPROVED DETERGENT COMPOSITION.

CINCINNATI MILACRON INC., 4701 MARBURG AVENUE, CINCINNATI 9 OHIO 45209 U.S.A. AND FORMERLY KNOWN AS THE CINCINNATI MILLING & MACHINE COMPANY.

Application No. 114400 filed February 7, 1968.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims. No drawings.

An improved detergent composition causing reduced skin irritation, comprising an organic detergent as herein described capable of causing skin irritation and a mildness additive having the general formula



wherein R is a divalent organic radical containing a chain of at least 15 atoms between the open valences of the radical, and a cyclic moiety of at least 5 carbon atoms, and wherein Y and Y' are polar groups such as herein defined, said mildness additive or its salt being soluble or colloidally dispersible in aqueous or other suitable conventional media; the weight ratio of said mildness additive to said detergent being from 0.005 to 10.

CLASS 32F₉b. I.C.-CO7d 99/14.

121574.

PROCESS FOR THE PREPARATION OF 6-(1-AMINO-CYCLOALKYL-CARBOXYAMIDO) PENICILLANIC ACIDS.

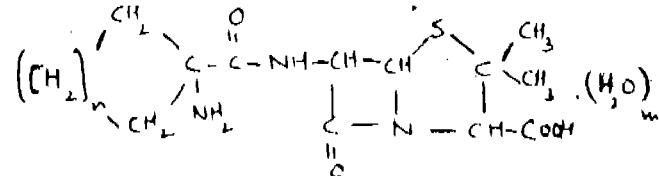
AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK 17, NEW YORK, UNITED STATES OF AMERICA.

Application No. 121574 filed May 29, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A process for the preparation of 6-(1-aminocycloalkylcarboxamido) penicillanic acids having the formula shown in the accompanying drawing.



in which n is 2 or 3 and m is a value from $\frac{1}{2}$ to 0, which comprises

(A) contacting the hydrated form of a compound of the above formula having at least one molecule of water chemically bound therewith, with methanol as a dehydrating solvent admixed, if desired, with up to 75% by volume of water, at temperatures from -10°C to the reflux temperature of the methanol when methanol alone is used or from -10°C to about 35°C where water is present, and

(B) separating and drying the insoluble crystals.

CLASS 32C & 55E_a + E. I.C.-CO7g 11/00.

121973.

PROCESS FOR THE PRODUCTION OF ANTIOTIC
66-40, ITS SOLVATES AND SCHIFF BASES.SCHERICO LTD., OF TOPFERSTRASSE 5, LUCERNE,
SWITZERLAND.

Application No. 121973 filed June 24, 1969.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Process for the production of an antibiotically active product designated Antibiotic 66-40, in its free form or in the form of solvates or Schiff bases, which comprises incubating a microorganism of the species *Micromonospora inyoensis* in an aqueous nutrient medium under aerobic conditions until substantial antibacterial activity is imparted to said medium and isolating in known manner the antibiotically active product therefrom in the free form or in the form of a solvate and, if desired, converting in known manner the said product into a Schiff base.

CLASS 32F_a + F_b. I.C.-CO7d 41/00.

122179.

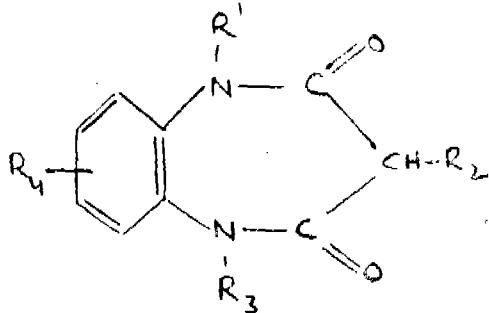
PROCESS FOR THE PREPARATION OF 5-ARYL-1H-1,
5-BENZODIAZEPINE-2, 4-DIONES.BOEHRINGER INGELHEIM GMBH., OF INGELHEIM
AM RHEIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 122179 filed July 9, 1969.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

27 Claims.

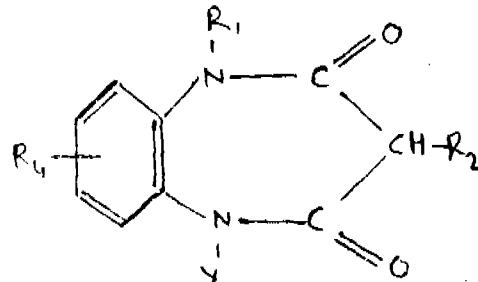
Process for the production of novel 5-aryl-1H-1, 5-benzodiazepine-2, 4-diones of general formula I.



wherein R₁ represents a straight or branched alkyl group with 1—4 carbon atoms optionally substituted by a halogen atom, a hydroxy, alkoxy or acyloxy group, a dialkylamino group with 2—4 carbon atoms or a 5-resp. 6-membered heterocyclic ring linked via the nitrogen atom with the alkyl chain, the allyl group, which may optionally be substituted by one or two methyl groups or a chlorine atoms, the cyclohexyl group, a cycloalkylmethyl group or a cycloalkenylmethyl group with 4—7 carbon atoms, an aryl group, which may optionally be substituted once or twice by the methyl or methoxy group or a halogen atom, a phenylalkyl group with 7—8 carbon atoms or a heteroaryl group, R₂ hydrogen or the methyl group, R₃ the naphthyl, pyrimidinyl, pyrazinyl, pyridazinyl, thiényl, furyl to pyridyl group, whereby the latter may optionally be substituted by a methyl group or a halogen atom, or the group of formula XII.



R₄ hydrogen, the methyl, methoxy, trifluoromethyl or cyano group, a halogen atom or a lower acyl or alkoxy carbonyl group with one or two carbon atoms, R₂ hydrogen, the methyl, ethyl, methoxy, trifluoromethyl, cyano or nitro group, a halogen atom or a lower acyl or alkoxy carbonyl group and R₃ hydrogen, the methyl, ethyl or methoxy group or a halogen atom, which comprises arylating or hetero-arylation a 1H-1, 5-benzodiazepine-2, 4-dione of general formula II.



wherein R₁, R₂ and R₃ have the meanings indicated above and Y represents hydrogen, an alkali metal or an acyl group, with a compound of general formula III.

X—R_n

wherein R_n has the meaning indicated above and X represents a halogen atom, at the nitrogen atom 5.

CLASS 32C, 55E_a & 83A_a + A₂. I.C.-CO7g 7/02. 125288.

A PROCESS FOR PREPARING PROTEOLYTIC ENZYME COTAINING COMPOSITION.

MICHEL HOOREMAN, OF 20 RUE JULES FERRY, 95-ENGHEN, FRANCE.

Application No. 125288 filed February 16, 1970.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the preparation of a proteolytic enzyme-containing composition which comprises culturing a microorganism as hereinbefore described in a fermentation medium until samples of the medium exhibit the following characteristics and then isolating or concentrating the composition:

(a) 0.1 ml. of an aqueous solution containing 250 A.U. (as hereinbefore defined) of the said composition and buffered to pH 7.5 reduces the viscosity of 1 g. of intestinal mucus by a maximum of 5% more, relative to the viscosity of the untreated mucus, than the same solution containing trypsin in place of the composition, the enzymatic degradations both taking place over 30 minutes;

(b) 0.1 ml. of an aqueous solution containing 250 A.U. (as hereinbefore defined) of the said composition and buffered to pH 7.5 reduces the viscosity of 1 g. of intestinal mucus by a minimum of 5% less, relative to the viscosity of the untreated mucus, than the same solution containing chymotrypsin in place of the composition, the enzymatic degradations both taking place over 30 minutes; and

(c) the said composition is insensitive to trypsin inhibitors.

CLASS 32F_b. I.C.-CO7C 103/52, A61K 27/00. 126828.

A PROCESS OF PREPARING NOVEL N α -ACETYL-2-0-METHYLTYROSINEOXYTOCIN.

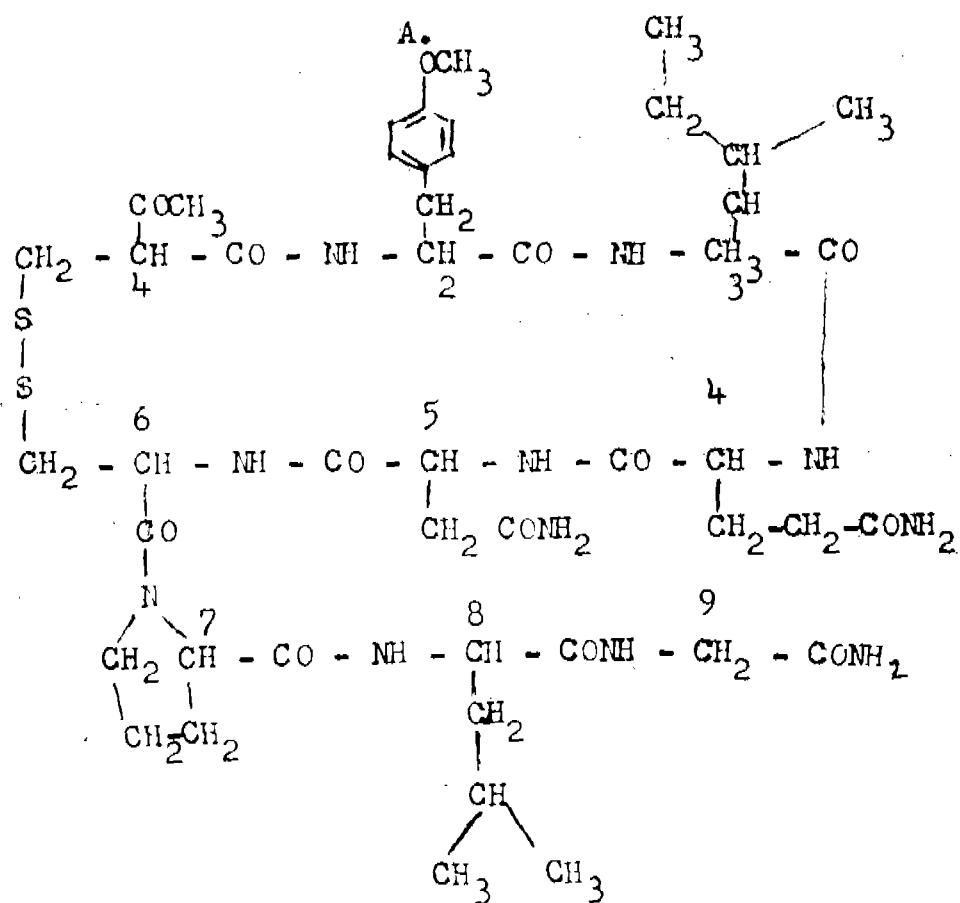
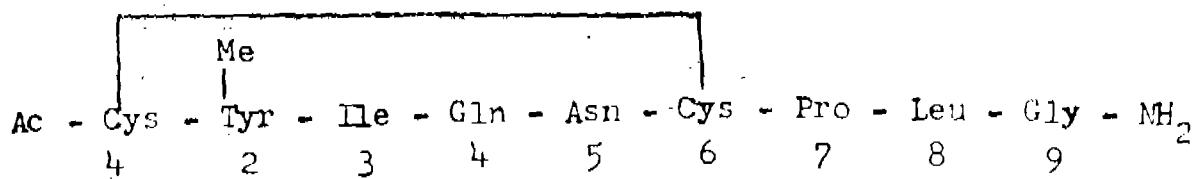
CESKOSLOVENSKA AKADEMIE VED, NO. 3, NARODNI, PRAHA CZECHOSLOVAKIA.

Application No. 126828 filed May 27, 1970.

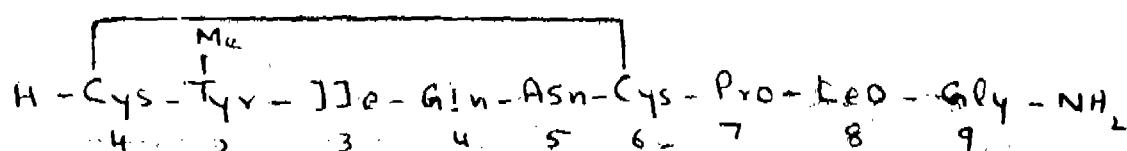
Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

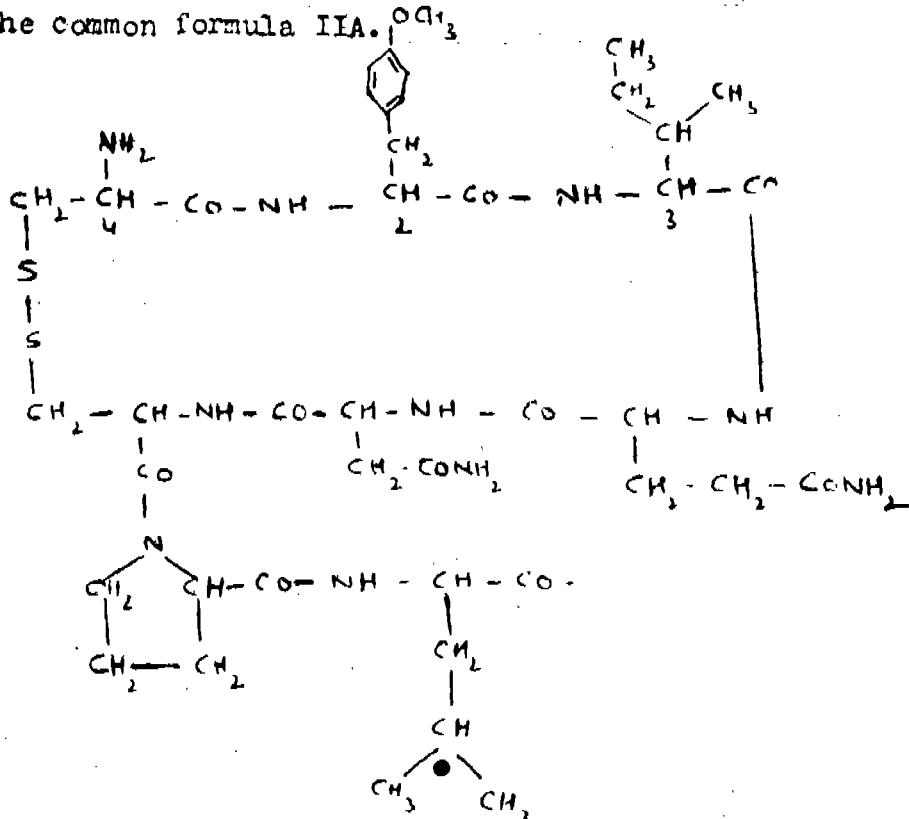
sinocytosin illustrated by the amino group sequence as shown in formula I.

A process of preparing novel N_α-acetyl-2-O-methyltyro-

which process consists in treatment of 2-O-methyltyrosine oxytocin according to the amino group sequence of formula II.



and to the common formula IIIA.



in dimethylformamid at 0°C—+5°C with an active ester of acetic acid, preferably 5-chloro-8-acetoxyquinoline, or acetic anhydride or acetyl halide.

CLASS 32C & 55E₁ + E₄. I.C.-CO7g 11/00. 127424.

PROCESS FOR THE PREPARATION OF PHARMACEUTICALLY ACCEPTABLE SALTS OF A NOVEL ANTIBIOTIC DESIGNATED ANTIBIOTIC 66-40.

SCHERICO LTD., OF TOPFERSTRASSE 5, LUCERNE, SWITZERLAND.

Application No. 127424 filed July 6, 1970.

Division of application No. 121973 filed June 24, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Process for the preparation of pharmaceutically acceptable salts of a novel antibiotic designated Antibiotic 66-40, characterized in that the Antibiotic 66-40 or a Schiff base or solvate thereof is reacted with the respective acid or a partly neutralized polybasic acid, and the so-obtained corresponding acid addition salt is isolated in a usual manner, which may cause the isolated salt to contain a certain amount of solvent, so as to be in solvate form.

CLASS 83A₁ + A₄. I.C.1A23b, 1/42, 1/44. 131163.

METHOD OF PRODUCING PROTEIN-CONTAINING FOOD.

ORDENA LENINA INSTITUT ELEMENTOORGANICHESKIH SOEDINENY, OF ULITSA VAVILOVA, 28, MOSCOW, USSR.

Application No. 131163 filed April 28, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

A method of producing protein-containing foodstuffs imitating lamellar-structure meat products, involving the following operations: preparation of a colloidal solution of the known food substances selected from proteins, charged polysaccharides, fats, food colours, and flavouring agents and a solution of salts of at least bivalent metals; by known method diffusion of ions of at least bivalent metals from said solutions of salts of said metals into said colloidal solution through a semi-permeable membrane by means of which said solutions get in contact with each other, with the result that an ionotropic gel is formed; congelation of said gel by known technique followed by its defrosting to split into the elements of lamellar structure; impregnation of said elements of lamellar structure with known food binders; bonding together said elements of lamellar structure impregnated with known food binders.

CLASS 32F₁ + F_{2b} & 55E₄. I.C.-CO7C 49/66. 131990.

PROCESS FOR THE PREPARATION OF NATHOQUINONE DERIVATIVES.

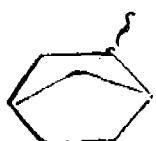
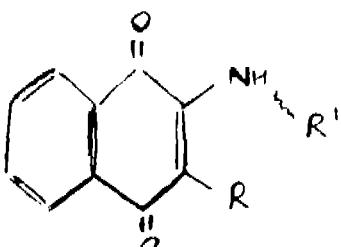
F. HOFFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT, OF 124-184 GRENZACHERSTRASSE, BASLE, SWITZERLAND.

Application No. 131990 filed July 5, 1971.

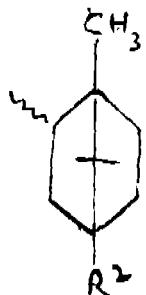
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

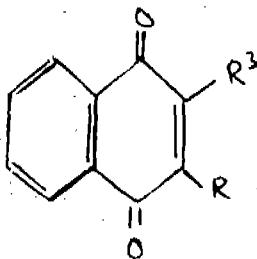
Process for the manufacture of naphthoquinone derivatives of the general formula I.



wherein R represents a hydrogen or halogen atom or a lower alkoxy group and R¹ represents a grouping of the formula (a) or (b).



in which R² represents a hydrogen atom, a lower alkyl group, an optionally substituted phenyl group or a phenyl-(lower alkyl) group, which process comprises reacting a compound of the general formula II.



wherein R has the significance given above and R³ represents a leaving atom or group, with an amine of the general formula III.



wherein R¹ has the significance given above, and, if desired, converting in known manner, a naphthoquinone derivative of formula I obtained in which R represents a hydrogen atom or a halogen atom other than a chlorine atom into a corresponding derivative in which R represents a chlorine atom.

CLASS 24D, & 205G. I.G.-B60t 1/08. 137444.

SWIVELLING CASTOR WHEEL WITH BRAKES.

CHERUKUR KRISHNASWAMY BHASKAR, 3-A, NUNGAM BAKKAM HIGH ROAD, MADRAS-600034, TAMIL-NADU, INDIA.

Application No. 63/Mas/73 filed April 28, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A swivelling castor wheel with brakes characterised by the provision of a brake applying means by which the wheel can be braked while the said wheel is simultaneously revolving on

its horizontal axis and swivelling on vertical swivel axis said brake applying means comprising a brake rod with a swivel eye wherein the axes of said rod and swivel eye coincide with the axis of swivel, said brake rod actuates a lever system and a brake shoe for applying necessary frictional forces on said wheel.

CLASS 208. I.C.-B43K 7/02, 7/04, 7/06, 7/08. 137445.

A BALL POINT CARTRIDGE ASSEMBLY.

GORDON SMISER LACY, DOING BUSINESS AS PACIFIC RESEARCH LABORATORY, AT 529 WEST FOURTH STREET, ESCONDIDO, CALIFORNIA, U.S.A.

Application No. 1995/72 filed November 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A ball point pen cartridge assembly comprising a plastic cartridge equipped with a copper alloy nib, an ink charge in said cartridge containing dye type coloring matter, and an additive comprising an antioxidant and/or a corrosion inhibitor dispersed in said ink charge effective to react with oxygen migrating through the wall of said plastic cartridge and prevent said oxygen from reacting with interior surfaces of said nib to form copper corrosion products which, if present, reacts with an ingredient of said ink charge to form an ink flow-blocking mass at the nib entrance.

CLASS 40F & 132C. I.C.-C10g 9/32. 137446.

FLUIDIZED BED REACTOR.

FOSTER WHEELER CORPORATION, LOCATED AT 110 SOUTH ORANGE AVENUE, LIVINGSTON, STATE OF NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 1605/72 filed October 9, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A fluidized bed reactor for producing a gas rich in ethane and methane comprising

a vessel,

a plurality of inlets for admitting oil and hydrogen, said inlets including oil feed pipe means that is placed coaxially with and inside of a hydrogen gas feed pipe means and said inlets being adjacent to the bottom of said vessel,

an outlet for directing the product gas out of said vessel, said outlet being adjacent to the top of said vessel,

a plurality of mixing risers above said inlets and extending vertically in the lower portion of said vessel, said mixing risers being of a larger diameter than and coaxial with said inlets so that said oil and hydrogen are admitted into said mixing risers,

an upper riser extending vertically higher than and in communication with said mixing risers, said upper riser being of considerably greater cross-sectional area than said mixing risers so that coke in the fluidized bed will continuously pass upwardly through said mixing risers and said upper riser and downwardly in the spaces outward of said risers.

CLASS 136-E. I.C.-B29f 1/03. 137447.

INJECTION NOZZLE FOR PINPOINT GATE.

NISSEI PLASTICS INDUSTRIAL CO., LTD., AT 2110, OAZA MINAMIJO, SAKAKI-MACHI, HANISHINA-GUN, NAGANO-KEN, JAPAN.

Application No. 4152/Cal/73 filed May 18, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An injection nozzle for pinpoint gate characterized in that said injection nozzle is provided with a stopper disk, the posi-

tion of which being adjustable so as to share the nozzle touch force with the semi-spheric portion of the nozzle tip.

CLASS 32F₁ + F₂b, I.C.-CO7d 51/48. 137448.

PROCESS FOR THE PREPARATION OF NEW 3-BENZOTRIAZINYL-3-TETRAHYDRO-QUINZOLINYL COMPOUNDS.

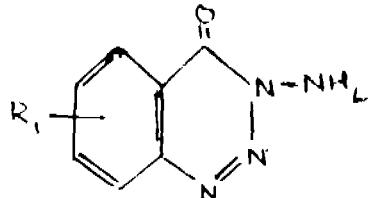
HOECHST PHARMACEUTICALS LIMITED, OF DUGAL HOUSE, BACKBAY RECLAMATION, BOMBAY-20, MAHARASHTRA STATE, INDIA.

Application No. 558/72 filed June 15, 1972.

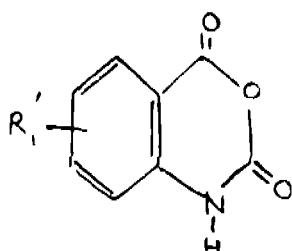
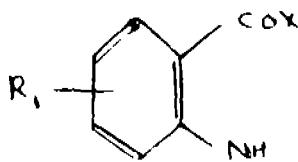
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A process for the preparation of benzotriazinyl-tetrahydro-quinazolinyl compounds of the general formula shown in Fig. 1.



of the provisional specification, wherein R is alkyl, alkenyl or alkynyl with 1-6 C-atoms; an unsubstituted or substituted phenyl group in which one or more of the substituents, hydroxy, methoxy, amino, alkylamino, methyl, trifluoromethyl, nitro, fluoro, chloro or bromo, or cyano or sulphonic acid group may be present; an aralkyl group like the benzyl group wherein the phenyl nucleus may be substituted by the substituents mentioned earlier; or a heterocyclic group like a nitrofuryl group; and R₁ and R'₁ are hydrogen or one or more optional substituents like alkyl, alkoxy, hydroxy, halogen, nitro, amino, alkylamino, acylamino, trifluoromethyl, carboxyl, cyano and sulphonic acid groups, which process comprises reacting a compound of the general formula shown in Fig. 1, of the accompanying this specification, in which R₁ is as defined above with an active carbonyl compound selected from the group of the compounds having the general formulae shown in Figs. 2 and 3



accompanying this specification, in which R'₁ is as defined above and X is either an alkoxy group like methoxy and ethoxy, or a halogen atom, like chlorine and bromine and condensing the product obtained with an aldehyde of the general formula RCHO in which R has the meaning previously defined.

CLASS 32F₁ + F₂b, I.C.-CO7d 51/48. 137449.

PROCESS FOR THE PREPARATION OF NEW 3-BENZOTRIAZINYL-TETRAHYDRO-QUINAZOLINYL COMPOUNDS.

HOECHST PHARMACEUTICALS LIMITED, OF DUGAL HOUSE, BACKBAY RECLAMATION, BOMBAY 20, MAHARASHTRA STATE, INDIA.

2-167 GI/75

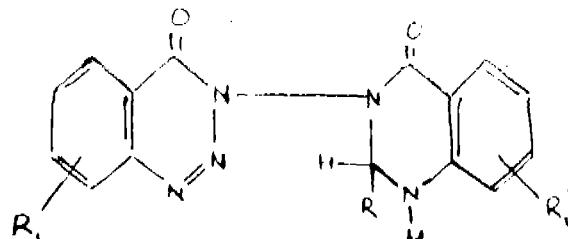
Application No. 48/Bom/75 filed February 25, 1975.

Division of Application No. 558/72 filed September 14, 1973.

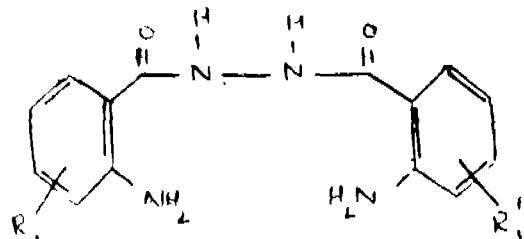
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

A process for the preparation of benzotriazinyl-tetrahydro-quinazolinyl compounds of the general formula shown in Fig. 1.



wherein R is alkyl, alkenyl or alkynyl with 1-6 C-atoms; an unsubstituted or substituted phenyl group in which one or more of the substituents such as hydroxy, methoxy, amino, alkylamino, methyl, trifluoromethyl, nitro, fluoro, chloro or bromo, or cyano or sulphonic acid group may be present; an aralkyl group like the benzyl group wherein the phenyl nucleus may be substituted by the substituents mentioned earlier; or a heterocyclic group like a nitrofuryl group; and R₁ and R'₁ are hydrogen or one or more optional substituents like alkyl, alkoxy, hydroxy, halogen, nitro, amino, alkylamino, acylamino, trifluoromethyl, carboxyl, cyano and sulphonic acid groups, which process comprises reacting N, N'-2-amino-benzoyl)-hydrazines of the general formula shown in Fig. 2.



wherein R₁ and R'₁ are as defined above, with an aldehyde of the general formula RCHO, in which R has the meaning previously defined, and the products are then diazotised.

CLASS 32F_{2a}, I.C.-CO7d 5/16. 137450.

PROCESS FOR THE PREPARATION OF FURANE COMPOUNDS.

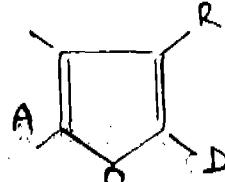
HOECHST AKTIENGESELLSCHAFT OF 6230, FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Application No. 1147/72 filed August 11, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

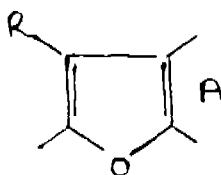
11 Claims.

A process for the preparation of a compound of the formula (1).

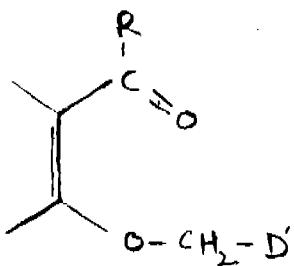


wherein A is an aromatic mono or polynuclear ring system which is condensed with the furane nucleus with two adjacent carbon atoms as indicated, R is a hydrogen atom, an alkyl group of 1 to 4 carbon atoms or a phenyl group and D is phenyl, naphthyl, styryl, benzofuranyl, naphthofuranyl, benzoxazolyl, mono- or di-(lower alkyl)-benzoxazolyl, naphtho-

xazolyl or a bivalent group selected from ethylene, phenylene, p, w-styrylene and 4, 4'-biphenylene which bivalent group is substituted by a group of the formula 9'.



in which A and R are as defined above, which radical D may be substituted by carboxy, lower carboalkoxy, cyano, nitro or benzfuryl, which comprises splitting off water with a strongly basic condensing agent such as herein defined from a compound of the formula (2).



wherein A and R are as defined above and D' is same as D as defined above.

CLASS 32F.b. I.C.-CO7d 51/48.

137451.

PROCESS FOR PRODUCING 2-HYDROXYMETHYL-3-PHENYL-4-(3H)-QUINAZOLINONE.

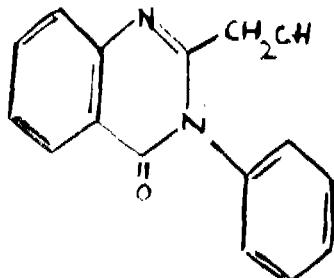
MICHIRO INOUE, OF 26-3, 6-CHOME, KOKURYO-CHO, CHOFU-SHI, TOKYO, JAPAN, MASAYUKI ISHIKAWA, OF 14-13, 3-CHOME, AKAZUTSUMI, SETAGAYA-KU, TOKYO, JAPAN, TAKASHI TSUCHIYA, OF 17-25, 5-CHOME, MINAMIKOIWA, EDOGAWA-KU, TOKYO, JAPAN, AND TAKIO SHIMAMOTO, OF 13, KITAMACHI, SHINJUKU-KU, TOKYO, JAPAN.

Application No. 1317/Cal/73 filed June 5, 1973.

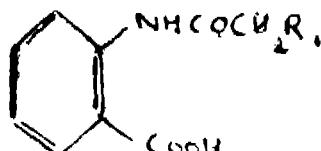
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

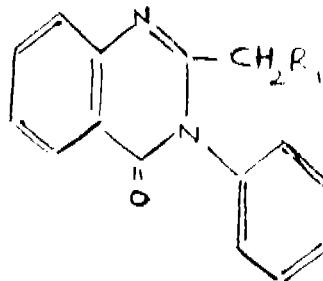
A process for producing 2-hydroxymethyl-3-phenyl-4-(3H)-quinazolinone of the formula I.



or its acid addition salt, characterized in that a compound of the formula II.



wherein R₁ stands for a halogen atom, or an acetoxy, benzoyloxy or benzyloxy group, is reacted with aniline in the presence of PCl₅ or POCl₃, and then the obtained product of the formula III.



wherein R₁ has the same meaning as in formula II, is hydrolysed or hydrogenated in a known manner such as herein described, and, if desired, the compound of formula I thus obtained is converted to its acid addition salt in known manner such as herein described.

CLASS 32F., I.C.-CO7C 25/00, CO7C 25/22. 137452.

A PROCESS FOR THE PREPARATION OF 2, 10-DICHLORO-12-METHYL-12H DIBENZO [d, g] [1, 3] DIOXOCINE DERIVATIVES.

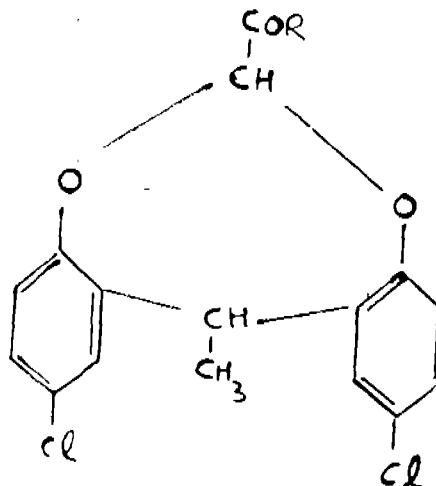
EGYT GYOGYSZERVEGYESZETI GYAR, OF 30, KERESZTURI U., BUDAPEST X, HUNGARY.

Application No. 2215/Cal/73 filed October 1, 1973.

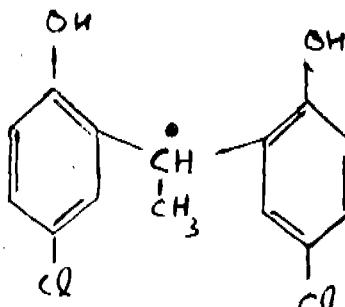
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

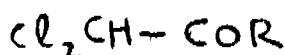
A process for the preparation of a 2, 10-dichloro-12-methyl-12H-dibenzo (d, g) (1, 3) dioxocine compound of the general formula (I).



wherein R represents a hydroxy group, a straight-chained or branched C₁₋₄ alkoxy group or a straight-chained or branched C₁₋₄ alkylamino group, or the salts of the compound of the aforesaid general formula (I) wherein R stands for hydroxy, in which 1, 1-bis-(2-hydroxy-5-chlorophenyl)-ethane of the formula (II).



is reacted with a dichloro compound of the general formula (III).



wherein R has the same meaning as defined above, in a polar solvent, in the presence of a base, and, if desired, the carboxylic acid is esterified in a known manner as herein described to yield the corresponding C_{n-1} alkyl ester and, if desired, a compound of the said general formula I, wherein R is hydroxy, is reacted with a base to form a salt.

CLASS 32F₁c + F₃d. I.C.-CO7C 47/00, 49/00, 45/16.
137453.

PROCESS FOR THE MANUFACTURE OF OXO COMPOUNDS.

F. HOFFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT, OF 124-184 GRENZACHERSTRASSE, BASLE, SWITZERLAND.

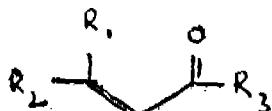
Application No. 2327/Cal/73 filed October 19, 1973.

Convention date November 2, 1973/(50558/72) U.K.

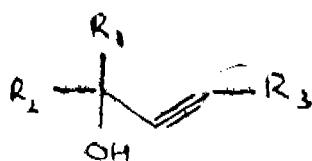
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

36 Claims.

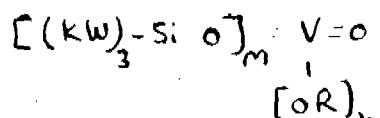
A process for the manufacture of oxo compounds of the general formula I.



wherein R_1 represents a hydrogen atom or a lower alkyl group and R_2 represents a saturated or unsaturated alkyl group, which may be linked with a saturated or unsaturated cycloalkyl group, or a saturated or unsaturated cycloalkyl group or R_1 and R_2 are joined together to form a saturated or unsaturated cycloalkyl group which may be condensed with one or more saturated or unsaturated cycloalkyl groups, and R_3 represents a hydrogen atom or a saturated or unsaturated alkyl group, which may be linked with a saturated or unsaturated cycloalkyl group, or a saturated or unsaturated cycloalkyl group, and wherein said alkyl and cycloalkyl groups can be substituted, if desired, by lower alkyl, lower alkoxy, hydroxy, oxo (which may be ketalsised), lower alkanoyl, aroyl lower alkanoyloxy or aroyloxy, which process comprises isomerising a carbonyl of the general formula II.



wherein R_1 , R_2 and R_3 have the significance given earlier in this claim. with the aid of a catalyst of the general formula III.



wherein KW represents a hydrocarbon group selected from lower alkyl, higher alkyl, cycloalkyl, phenyl and phenyl(lower alkyl) (said groups being substituted by lower alkyl if desired), R represents a KW or $(\text{KW})_3\text{Si}$ group, m stands for 1, 2 or 3 and N stands for zero, 1 or 2 provided that the sum of m and n is 3, with the addition of a silanol of the general formula IV,



wherein KW has the significance given earlier in this claim.

CLASS 32F₁ + F₃b. I.C.-CO7d 99/14. 137454.

PROCESS FOR THE MANUFACTURE OF 6-D(-)- α -AMINOPHENYLACETAMIDO-PENICILLANIC ACID.

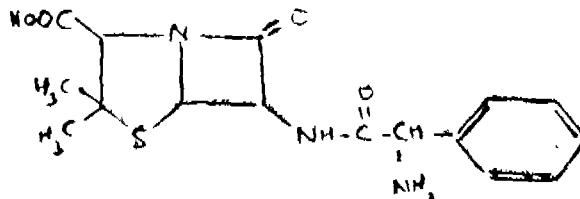
KRKA TOVARNA FARMACEVTSKIH IN KEMICNIH IZDELKOV, OF KOMANDANTA STANETA 19, NOVO MESTO, YUGOSLAVIA.

Application No. 2353/Cal/74 filed October 29, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

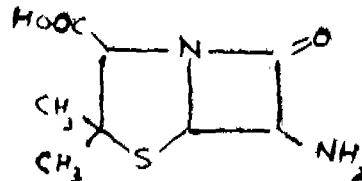
8 Claims.

A process for the manufacture of the 6-D(-)- α -aminophenylacetamido-penicillanic acid of the formula I.

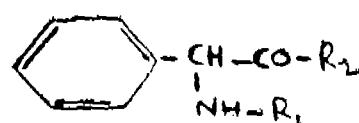


which comprises

(a) the condensation of the 6-aminopenicillanic acid of the formula II.



with a substituted D-phenylglycine of the general formula III.



wherein R_1 stands for a 2-(1-carbalkoxy)-propenyl group, a 2-(a-alkylacarbonyl)-propenyl group or a hydrogen atom. R_2 stands for an oxycarbethoxy group, an oxyacetyl group, a cyanomethylene group, a p-nitrophenyl group, a 2, 4, 5-trichlorophenyl group or a halogen atom, R_1 and R_2 taken together form an oxycarbonyl group,

(b) the extraction with chlorinated hydrocarbons of 1 to 2 carbon atoms and 1 to 3 chlorine atoms, and

(c) the treatment with primary or secondary aliphatic alcohols of 1 to 4 carbon atoms.

CLASS 55E₁. I.C.-A61K 21/00. 137455.

PROCESS OF MAKING AN AQUEOUS SOLUTION OF DOXYCYCLINE.

PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 2363/Cal/73 filed October 24, 1973.

Convention date December 27, 1972/(59710/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process of making an aqueous solution of doxycycline stable and suitable for parenteral administration which comprises dissolving in water 1-10% by weight of a pharmaceutically acceptable acid addition salt of doxycycline together with at least 3 molar proportions of a water-soluble alkali metal phosphate salt and at least 3 molar proportions of a pharmaceutically acceptable water-soluble magnesium salt, and adjusting the pH of the solution to within the range of 1.0-3.5.

CLASS 32F₁ + F₃b. I.C.-CO7d 27/56. 137456.

PROCESS FOR THE PREPARATION OF NEW N-(1-ALKYL-2-PYRROLIDYL METHYL)-3-ALKOXY-(OR HYDROXY)-INDOLES-2-CARBOXAMIDES.

SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ILE-DU-FRANCE, OF 46 BOULEVARD DE LATOUR MAUBOURG, PARIS 7E, FRANCE.

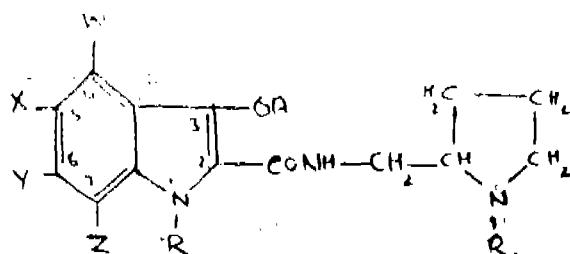
Application No. 2822/Cal/74 filed December 20, 1974

Division of Application No. 118762 filed November 26, 1968.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing N-(1-alkyl-2-pyrrolidyl-methyl)-3-alkoxy-(or hydroxy)-indole-2-carboxamides corresponding to the general formula I



and their salts of addition, particularly with aliphatic or aromatic acids, and their quaternary ammonium salts, in which formula W, X, Y and Z are either hydrogen or a halogen such as Cl, Br, F, or a branched or unbranched alkoxy radical of low molecular weight (from 1 to 5 carbon atoms), two radicals at least chosen from W, X, Y and Z being hydrogen, the substitutes being in 4 and 5—4 and 6—4 and 7—5 and 6—5 and 7—6 and 7, A and R are hydrogen or branched or unbranched alkyl radicals of low molecular weight (from 1 to 5 carbon atoms), and R₁ is an alkyl radical of 1 to 2 carbon atoms, which process comprises treating a 3-alkoxy-(or hydroxy)-indole carboxylic acid with a diimidazole derivative selected from the group of 1, 1'-disulphinyl-diimidazole and 1,1'-carbonyl-diimidazole in order to produce N-acyl imidazole, which is further reacted with an N-(1-alkyl-2-pyrrolidyl-methyl) amine to produce corresponding indole carboxamide, and if desired converting these compounds in a manner such as herein described, into their salts of addition particularly with aliphatic or aromatic acids, and their quaternary ammonium salts.

CLASS 172E. I.C.-B65h 75/36.

137457.

APPARATUS FOR PRODUCING A COILED THREAD PACKAGE.

EDDYBEL S.A., OF COIRA, SWITZERLAND.

Application No. 2178/72 filed December 18, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims.

An apparatus for producing a coiled thread package constructed of a substantially continuous length of thread disposed in substantially annular layers forming a coil, each layer being constructed of a series of loops which progress along the annular layer of the coil, said apparatus comprising:

- (a) a base plate having a substantially vertical axis;
- (b) a thread depositing plate arranged above said base plate and having a substantially vertical axis, said axis of said depositing plate being arranged eccentrically with respect to the axis of the base plate, said base plate and said depositing plate being capable of relative movement toward and away from each other in vertical direction;
- (c) means for yieldingly urging the said base plate and the said depositing plate into relative movement towards each other;
- (d) means for rotating the said depositing plate around its axis;
- (e) further means for causing a relative movement between the axis of the depositing plate and the base plate;

(f) a through bore on the said depositing plate providing a passage for the thread to be deposited on the base plate;

(g) a feeding device for the thread to be deposited on the base plate, said feeding device comprising:

- (1) thread guiding means integral in rotation with the said depositing plate;
- (2) a circular member arranged immediately above the depositing plate and presenting an annular track which is in fixed position with respect to the axis of said depositing plate and coaxial thereto;
- (3) a freely rotatable roller supported by means integral in rotation with said depositing plate and caused to bear with its outer revolving peripheral surface against said track, said roller being supported by said supporting means in a position above and in proximity of the said bore in the depositing plate,

whereby the thread coming from a suitable supply is guided by the said thread guiding means so as to pass in the contact zone between the said roller and the said track onto which the roller travels, passes through the bore in the depositing plate and is deposited onto the base plate, upon rotation of the said depositing plate and relative movement between the axis of the depositing plate and the base plate.

CLASS 32F. I.C.-CO7d 99/06.

137458.

PROCESS FOR THE PRODUCTION OF THIAZOLOTRIAZOLYLPHOSPHONOTHIOATES.

NIPPON SODA COMPANY LIMITED, OF NO. 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Application No. 78/Cal/73 filed January 10, 1973.

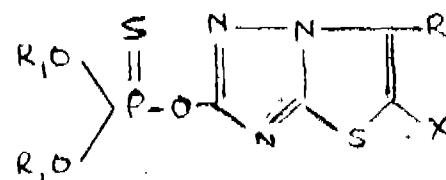
Application No. 1879/Cal/73 filed August 14, 1973.

One complete specification left under Section 9(2) of the Patents Act, 1970.

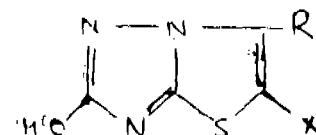
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

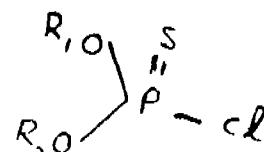
A process for the production of thiazolotriazolylphosphonothioates having the formula shown in Fig. 1.



wherein R is lower alkyl having 1 to 6 carbon atoms, R₁ and R₂ are same or different and represent lower alkyl having upto 6 carbon atoms and X is a halogen atom which comprises reacting a compound of formula 2.



where R and X have the above said meanings with a compound of formula 3.



wherein R₁ and R₂ have the above said meanings.

CLASS 85Q & 139A. I.C.-CO1b. 31/04, F27 b 7/00.

137459.

APPARATUS FOR CALCINING CARBONACEOUS MATERIAL AND METHOD OF CALCINATION REALISED IN SAME.

GEORGY ALFONSOVICH VORMS, OF PROSPEKT OKTYABRYA 133, KV. 35, UFA, USSR, NIKOLAI TIMOFEEVICH POKHODENKO, OF ULITSA INTERNATSIONALNAYA 91, KV. 59, UFA, USSR., ANATOLY EREMEEVICH KULIKOV, OF PROSPEKT OKTYABRYA, 135/7, KV. 50, UFA, USSR, BORIS IZRAILEVICH BRONDZ, OF ULITSA KOLTSEVAYA 45, KV. 1, UFA USSR, AND TAMARA VASILIEVNA MISCHENKO, OF ULITSA INTERNATSIONALNAYA, 187/1, KV. 29, UFA, USSR.

Application No. 105/Cal/73 filed January 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An apparatus for calcining carbonaceous materials, comprising; a rotary kiln provided with an opening for charging the carbonaceous material to be calcined at one end of the kiln; an opening for discharging the calcined carbonaceous material at the other end of the kiln; a pipe for controlled and distributed admission of air into the kiln over the whole length of the zone of evolution of volatile substances which are formed in the course of calcining of the carbonaceous material for the combustion of said volatile substances; a preheater for pre-heating the carbonaceous material, communicating with the charge opening of the kiln; a cooler for reducing the temperature of the calcined carbonaceous material, located from the side of the discharge opening of the kiln.

CLASS 70C. + C. I.C.-C23b 5/26. 137460.

PROCESS FOR THE ELECTROCHEMICAL MANUFACTURE OF SILVER CONTAINING CATALYSTS.

SNAM PROGETTI, S.P.A., OF 16, CORSO VENEZIA, MILAN, ITALY.

Application No. 951/72 filed July 24, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A method of electrochemically manufacturing silver particles, which comprises subjecting a solution of a silver salt to a succession of cycles, each of which cycles includes a period of from 3 to 10 seconds during which electric current is passed in one direction through the solution and a period of from 3 to 60 seconds in which no electric current is passed through the solution.

CLASS 32F.d, 40B & 70C. I.C.-C23b 5/02 & 5/26, BO1j 11/06, 11/08, 11/16 & 11/20, CO7d 1/14. 137461.

PROCESS FOR PRODUCING METALLIC SILVER POWDER.

SNAM PROGETTI, S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Application No. 2027/72 filed November 29, 1972.

Application No. 2215/Cal/73 filed October 1, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for preparing silver powder, which comprises electrochemically depositing silver on a cathode by electrolysis of a solution containing cations of silver complexed with ammonia, and, during the electrolysis, removing the silver as a powder from the cathode as the silver is formed.

CLASS 67C, 68D & 133A. I.C.-HO2h 1/00, 3/00. 137462.

A DEVICE.

DR. SATISH CHANDRA KAPOOR, OF 111/1/B2, I.I.T. COMPOUND, HAUZ KHAS, NEW DELHI, INDIA.

Application No. 2144/72 filed December 13, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A device adapted to disconnect a load from a three phase power source upon an assymmetry occurring in the power source with respect to the phase angle comprising a first phase detector connected across a first and second phase line, a second phase detector connected across said second and third phase line, a first voltage level detector connected to said first phase detector and a second voltage detector connected to said second detector, a logic circuit connected to the output of said voltage detectors, said logic circuit connected to an actuating means and which is operable upon the presence of a voltage signal appearing in the output of said logic circuit.

CLASS 67C, 68D & 133A. I.C.-HO2h 1/00, 3/00. 137463.

A DEVICE ADAPTED TO BE CONNECTED TO A LOAD AND CAPABLE OF DISCONNECTING THE LOAD FROM A POWER SOURCE.

DR. SATISH CHANDRA KAPOOR, OF 111/1/B2, I.I.T. COMPOUND, HAUZ KHAS, NEW DELHI, INDIA.

Application No. 1423/Cal/74 filed June 26, 1974.

Division of Application No. 2144/72 filed December 13, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A device for disconnecting a load from a three phase power source upon a single phasing condition occurring in the power source comprising a first circuit adapted to detect an assymetry occurring in said power source with respect to the phase angle, said first circuit including a first logic circuit, a second circuit adapted to detect an assymetry occurring in said power source with respect to the voltage, said second circuit including a second logic circuit, the logic circuits of said first and second circuits connected to a third logic circuit and an actuating means and such that said actuating means is operable upon a output signal appearing from said third logic circuit.

CLASS 67C, 168C & 206E. I.C.-GO1r 13/00. 137464.

APPARATUS FOR OPERATING SEGMENTED-ELECTRODE DISPLAY DEVICES WHICH ARE THRESHOLD-RESPONSIVE TO SELECTION SIGNALS.

BURROUGHS CORPORATION, AT SECOND AVENUE, DETROIT, MICHIGAN 48232, U.S.A.

Application No. 747/Cal/73 filed April 2, 1973.

Convention date January 18, 1973/(2711/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Apparatus for operating threshold-responsive display devices having a plurality of groups of cathode electrodes and an anode electrode associated with each group, corresponding cathodes of the different groups being interconnected, said apparatus comprising

means for applying positive-going signal voltages to the anode electrodes independently,

means for driving negative-going current pulses to selected ones of the cathode electrodes concurrent with energization of the anode electrodes,

capacitance means for storing and applying operating bias potential to each of the cathode driving means, and

means coupled to the capacitance means and to the cathode drivers for charging the capacitance means to regulate the potential across it so that the threshold of the selected position in the device is exceeded and it becomes activated.

CLASS 35E. I.C.-CO4b 35/14, F27d 1/04. 137465.

METHOD OF MANUFACTURING SILICA REFRAC-TORY BRICKS.

ORISSA CEMENT LIMITED, OF RAJGANGPUR, DIST-SUNDARGARH, ORISSA, INDIA.

Application No. 1654/Cal/73 filed July 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims. No drawings.

A method for the manufacture of silica refractory shaped masses comprising adding 0.1 to 2.5% by wt. of a mixture of Al_2O_3 and TiO_2 yielding materials to silica aggregates such as, quartzite, silica grog, sandstone, silica sand and the like with the addition of calcium bearing materials, intimately mixing the ingredients with water, moulding the mixture into desired shapes, drying and firing the shaped masses at a temperature of not less than 1300°C , preferably at above 1400°C .

CLASS 114E. I.C.-D06g 1/00, C14C 1/00. 137466.

PROCESSING DRUM FOR TREATING HIDES.

COLOMER MUNMANY, S.A., OF SAN FRANCISCO, NO. 1, VICH (BARCELONA), SPAIN.

Application No. 676/Cal/73 filed March 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A cylindrical type drum for hide treatment processes which is arranged to rotate about the axis of the cylinder, and has two ducts extending around more than 180° of the outside of the drum cylindrical face, the ducts communicating with the interior of the drum through respective connections arranged diametrically opposite each other, and the other ends of the ducts being presented in the same direction and also being at diametrically opposite sides of the drum, the arrangement being such that loading and unloading is automatically accomplished through the ducts upon reversal of the direction rotation of the drum.

CLASS 106. I.C.-FO2m 47/02. 137467.

FUEL INJECTOR.

STANADYNE, INC., OF 92 DEERFIELD ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Application No. 1214/Cal/73 filed May 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A liquid fuel injector for delivering measured charges of liquid fuel to the combustion chamber of an associated engine comprising a tubular body having a bore provided with a valve seat and a discharge tip at one end thereof, a pressure operated inwardly opening valve disposed in said bore an apertured valve guide mounting said valve for reciprocating movement toward and away from the valve seat, a coil spring for biasing said valve toward said valve seat, a lift stop fixed to the injector body and having a stem extending into said coil spring, a spring seat engageable with the valve at the end remote from the valve seat, said spring seat being secured to the end of said spring for lateral movement in unison therewith and having a surface engageable with said valve for free lateral movement relative thereto, said spring engaging said stem with a close sliding fit to provide the sole lateral support for the spring seat.

CLASS 166A. I.C. B60f 3/00. 137468.

TRANSPORT VEHICLE.

KONIJN MACHINEBOUW B.V., OF ELECTRONWEG (HN 80), HOORN, HOLLAND.

Application No. 983/Cal/73 filed April 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A transport vehicle having a main body and adapted to displace itself overland and/or through the water, characterized in that a plurality of legs each pivotally connected with the main body and each carrying a reaction body at its free end

may be brought by means of a power mechanism into a swinging movement with respect to the main body in such manner that the vehicle is displaced by the reaction forces exerted on the reaction bodies.

CLASS 33E & 136E. I.C.-B29f 1/02. 137469.

INJECTION MOULDING MACHINE FOR MOULDING SYNTHETIC RESIN.

NISSEI PLASTICS INDUSTRIAL CO. LTD., AT 2110, OAZA MINAMIO, SAKAKI-MACHI, HANISHINA-GUN, NAGANO-KEN, JAPAN.

Application No. 904/Cal/73 filed April 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An injection moulding machine for moulding a synthetic resin, the machine comprising a mould clamping device, an injection unit fixed to a block, and a piston-and-cylinder unit the mould clamping device and the injection unit and block being mounted opposite to one another on a bed of the machine, the piston-and-cylinder unit being arranged to drive the injection unit and block in reciprocating movement along said bed relative to the clamping device for the purpose of advancing and retracting an injection nozzle of the injection unit with respect to the mould clamping device, the injection unit and block incorporating therein hydraulic circuitry having hydraulic devices, for driving the injection unit.

CLASS 98G. I.C.-F28 f 1/00. 137470.

COOLING TUBE FERRULE.

FOSTER WHEELER CORPORATION, LOCATED AT 110 SOUTH ORANGE AVENUE, LIVINGSTON, STATE OF NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 1604/72 filed October 9, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 claims.

A heat exchanger for cooling a gas containing hot hydrocarbon comprising :

a tube sheet;

a refractory on one side of said tube sheet;

a plurality of holes in said tube sheet;

a plurality of holes in said refractory, said refractory holes each being coaxial with one of said holes in said tube sheet and flared outwardly away from said tube sheet;

a plurality of tubes, the inlet end of each being positioned within one of said holes, said tubes extending beyond the other side of said tube sheet to an outlet end;

a ferrule positioned within the inlet end of each of said tubes, each of said ferrules having a portion at its inlet end which is gradually flared outwardly and which projects beyond the inlet ends of said tubes and beyond said refractory, the outside surface of each of said flared portions engaging flat against the side wall of one of said holes in said refractory, each of said ferrules having an outlet end portion between the other side of said tube sheet and said outlet ends of said tubes, said outlet end portion being of an outside diameter of said tubes and a central portion connecting said outlet end portion and said flared portion, said central portion having an outside diameter less than the inside diameter of said tubes.

CLASS 189. I.C.-A61K, 7/16. 137471.

TOOTHPASTE.

COLGATE-PALMOLIVE COMPANY, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Application No. 879/72 filed July 17, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims. No drawings.

A toothpaste formulation comprising a toothpaste base as herein described, having dispersed therein microscopically visible particles, as herein described, said particles including a functional ingredient for promoting hygiene in the oral cavity and a binding agent, said binding agent being chosen from the group consisting of thermoplastic resins, gums, gels, polymers, paraffins and waxes having a molecular weight from 500 to 20,000 and hardness (ASTMD 1321) of 1 to 15, said functional ingredient being selected from the group consisting of anticaries, antimicrobial, desensitizing, enzyme, optical brightening, astringent, flavoring and sweetening materials.

CLASS 67C, 89, 126A, 129M & 206E, I.C.-B23d 31/00. 137472.

SENSING SYSTEM FOR CUT-TO-LENGTH SHEAR.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1898/72 filed November 14, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An apparatus for controlling and actuating a cutting-shear for cutting strip material moving on a process line, characterized by: a first sensor associated with the process line for deriving a first voltage proportional to a moving speed of said strip material, a shear-signal actuator for actuating the cutting shear to cut predetermined lengths of said strip material along the process line, an adjustable voltage reference source for deriving a second voltage representative of said predetermined length, a circuit associated with the process line for deriving a third voltage which is representative of the instantaneous length of strip material passing said cutting shear, an additional sensor associated with the said first sensor for deriving a voltage signal which is an equivalent of said first voltage multiplied by fraction $\frac{t}{inertia}$ where inertia is the time required

for the cutting shear to respond to said shear signal actuator and 't' is the running time required for said predetermined length to pass the cutting shear at maximum line speed; and a signal provider for deriving a shear control signal and actuate said cutting shear to initiate a shear signal when the sum of said third voltage and said voltage signal substantially equals the second voltage, so as to compensate for the inertia of the cutting shear.

CLASS 133B, I.C.-B60L 3/00. 137473.

COMBINED ELECTRICAL SWITCH AND LOCK ASSEMBLY.

THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, 19 ENGLAND.

Application No. 1638/Cal/73 filed July 12, 1973.

Convention date July 25, 1972/(34685/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A combined electrical switch and lock assembly comprising a plurality of fixed electrical contacts, a rotor member adapted to be rotated by a key operated lock mechanism, an electrical contact mounted for movement with the rotor member between a plurality of angular positions relative to the fixed contacts, and the locking device including a cam member rotatable with the rotor member and a pair of locking elements resiliently biased into engagement with a cam member, the cam member being profiled so that, in a first angular position of the rotor member, one of the locking elements is urged by the cam member into a position in which in use, it resists operation of a control of a machine equipped with the assembly and, in a second angular position of the rotor member, movement of the rotor member into a third angular position is prevented if the other locking element is fixed against movement opposing the resilient bias, in use, by the or a control of the machine.

CLASS 1C, I.C.-CO9j 3/06.

137474.

A METHOD OF PREPARING A GUM OR ADHESIVE.

R. K. CHEMICAL INDUSTRIES PVT. LTD., OF 142/1, RADHA BAZAR STREET, CALCUTTA-1, WEST BENGAL, INDIA.

Application No. 1793/Cal/73 filed August 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A method of preparing a gum or adhesive in a powdery form, which involves the undermentioned steps:—

(a) heating starch to a temperature of 250°C for a period of four to five hours;

(b) adding dilute mineral acid to the said starch during the aforesaid step for heating;

(c) adding borax (and if desired, other sodium salts also) to the heated starch;

(d) thoroughly mixing the resulting mass and grinding it to a fine powder.

CLASS 83A, I.C.-C12C 11/08, 11/16.

137475.

PROCESS FOR PRODUCING YEAST CELLS.

IMITSUBISHI GAS CHEMICAL COMPANY, INC., OF 5-2, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Application No. 2335/Cal/74 filed October 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for producing yeast cells, characterized by culturing in a medium containing methanol and/or ethanol as main carbon sources a strain belonging to the species *Torulopsis methanothermo* and capable of assimilating methanol and/or ethanol, thereby growing the cells of said strain, and then recovering such as by centrifugation, filtration or precipitation, the cells from the medium.

CLASS 116G, I.C.-B66f 19/00.

137476.

A RAILWAY CAR TRUCK BOLSTER.

AMSTED INDUSTRIES INCORPORATED, OF 3700 PRUDENTIAL PLAZA, CHICAGO, ILLINOIS 60601, UNITED STATES OF AMERICA.

Application No. 2135/Cal/73 filed September 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Railway car truck bolster having top and bottom walls, spaced side walls interconnecting said top and bottom walls, said spaced side walls defining inboard and outboard sides of a friction shoe pocket, an opening in the bottom wall affording access to said pocket by an associated shoe-actuating spring, and a sloping wedge wall connected to and extending above said top wall to afford a downwardly facing wedge surface for an associated shoe in said pocket, characterized by a hood integrally connected to inboard and outboard edges of said wedge wall and to said top wall along said sides.

CLASS 152H, I.C.-EO4C 1/40, CO9j 7/02.

137477.

A UNITARY-BONDED LAMINATE AND METHOD OF FORMING SAME.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1642/72 filed October 12, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A unitary-bonded laminate comprising layers of sheet material impregnated with a cured resinous composition comprising a mixture of a liquid epoxy resin and the maleic anhydride adduct of methylcyclopentadiene admixed with benzophenone-tetracarboxylic dianhydride, the amount of said adduct being sufficient to dissolve the benzophenone-tetracarboxylic dianhydride.

CLASS 160C. I.C.-B60S 1/04. 137478.

UNITARY WINDSCREEN WIPER HARNESS AND A METHOD OF MANUFACTURE THEREOF.

TRICO PRODUCTS CORPORATION, OF 817 WASHINGTON STREET, BUFFALO, NEW YORK, 14203, UNITED STATES OF AMERICA.

Application No. 820/Cal/73 filed April 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method of manufacture of a unitary windscreen wiper harness comprising a series of spans and resilient, flexible connecting means securing one span to an adjacent span, wherein the harness is formed of a thermoplastic material under heat and pressure in a mould with the spans in relative positions, substantially displaced from their operative relative positions, and the harness is removed from the mould while the material is in a pliant condition, and the spans are thereupon relatively rotated into their operative relative positions, in which they are partially overlapping, with their longitudinal axes generally in alignment with each other, and the spans remain in their operative relative positions until the material has cooled sufficiently to set.

CLASS 22 & 50A. I.C.-F17C 3/08. 137479.

VACUUM RETAINING JAR.

BRIGHTON CORPORATION LIMITED, OF TOKYO CENTRAL, NO. 5-34, 8 CHOME, AKASAKA, MINATOKU, TOKYO, JAPAN.

Application No. 2296/Cal/73 filed October 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A vacuum retaining jar comprising, a thermoplastic outer shell and a thermoplastic inner shell positioned therewithin to provide a space between the facing surfaces of the shells, said shells being of generally U-shaped cross-sectional configuration with open upper ends, an annular metal ring provided on the outer surface of the inner shell and on the inner surface of the outer shell respectively at the upper ends thereof, the facing surfaces of the shells being coated with a metallic air insulating layer, said rings being secured together to seal the upper ends of the shells and the space therebetween, and a nozzle opening to the space for evacuating the air therein to create a vacuum-between the shells.

CLASS 195C. I.C.-F16K 1/00, 21/00. 137480.

IMPROVEMENTS IN OR RELATING TO PINCH VALVES.

SUMITRAPPAA PUTTARAJU, 14, POTTERY ROAD, RICHARDS TOWN, BANGALORE-5, MYSORE STATE, INDIA.

Application No. 67/Mas/73 filed May 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims.

A pinch valve which consists of a flanged rubber or flexible plastic cylindrical liner held in-between two pincher arms crosswise at its centre, one upper arm and the other lower arm, both the said pincher arms being simultaneously and automatically movable by an operating means, in opposite directions, towards or away from the said rubber or flexible plastic liner, to close or open the aperture thereof respectively

to shut or allow the flow of the liquids for which the pinch valve is used, the said operating means comprising mainly a hollow shaft or spindle which is threaded both internally and externally and a driving wheel fixed at its free end for manually operating the valve.

CLASS 17 & 83A. I.C.-AO1C 1/02.

137481.

METHOD AND APPARATUS FOR PROCESSING GRANULAR AND OTHER MATERIALS.

PHILDON ENGINEERING CO. PTY. LTD., OF 72-76 WESTGARTH STREET, FITZROY, IN THE STATE OF VICTORIA, COMMONWEALTH OF AUSTRALIA.

Application No. 1575/72 filed October 5, 1972.

Convention date October 5, 1971/(PA6521/71) Australia.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A grain treating process including the steps of : feeding a quantity of grain into a compartment of a cylindrical vessel which is mounted with its axis substantially horizontal and is rotatable about axis, said compartment being separated from another compartment of the vessel by a perforated floor member which forms a longitudinal division within said vessel; feeding a quantity of liquid into said vessel; rotating said vessel to mix said grain and said liquid; stopping the rotation of said vessel in a position such that said grain is supported on said floor member, causing air to flow in said vessel to pass upwardly through said perforated floor member and the bed of grain supported thereon to maintain said grain in a condition suitable for germination; and after germination of said grain, passing heated air upwardly through said perforated floor member and said bed of grain so as to dry said grain.

CLASS 50A. I.C.-F17C 3/08, A47f 41/00.

137482.

VACUUM-INSULATED VESSEL WITH COATED SHELL AND METHOD OF MAKING THE SAME.

THE BRITISH OXYGEN COMPANY LIMITED, OF HAMMERSMITH HOUSE, LONDON W6 9DX, ENGLAND.

Application No. 36/Cal/73 filed January 5, 1973.

Convention date January 7, 1972/(924/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A vacuum-insulated vessel comprising an insulating shell having as a lining and coating a one-piece layer of impermeable flexible material.

CLASS 206-I. I.C.-HO4b 1/00, 3/04.

137483.

CIRCUITRY FOR SIMULTANEOUS AND ADJUSTABLE EQUALIZATION OF THE GROUP DELAY AND AMPLITUDE CHARACTERISTICS IN TRANSMISSION SYSTEMS.

TAVKOZLESI KUTATO INTEZET, OF 65, GABOR ARON UTCA, BUDAPEST II, HUNGARY.

Application No. 1408/Cal/73 filed June 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

Circuitry for the realization of a method for simultaneous and adjustable equalization of the group delay and amplitude characteristics of a transmission system, comprising one or several circuit groups, made up of buffer amplifiers having constant frequency characteristics in the frequency band to be equalized, a hybrid circuit, a resonant circuit, and a terminating resistance, characterized in that the first pair of terminals (1) of the hybrid circuit (H) is connected to the output of a first wideband amplifier (E₁), its third pair of terminals (3) to the input of a second wideband amplifier (E₂), whereas the second pair of terminals (2) is terminated by the characteristic impedance (R_c) of the hybrid circuit, and the fourth pair

of terminals (4) is terminated by a resonant circuit (Z) with adjustable loss resistance (R), adjustable inductance (L) and adjustable capacitance (C).

CLASS 105B, 168B & 206E. I.C.-A61b /10. 137484.

A METHOD FOR IDENTIFYING INDIVIDUALS USING SELECTED CHARACTERISTIC BODY CURVES.

ROLF ERIC ROTHFJELL, OF LUNTMÅKARGATAN 52, S-113 58 STOCKHOLM, SWEDEN.

Application No. 1807/72 filed November 3, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An identification card comprising,

at least one image of the face of an individual;

at least one selected characteristic curve, said curve being on a separate surface from said image, but said curve superimposed on one side of the image in a position so that it corresponds to a curve in said image;

a laminating material laminating together the image and characteristic curve.

OPPOSITION PROCEEDING

(1)

Application for Patent No. 72095 made by Smith Stanisstreet & Co., Ltd., an opposition to which entered by Benger Laboratories Limited was notified in the Gazette of India, Part III, Section 2, dated the 11th August, 1962, has been treated as abandoned.

(2)

The opposition entered by Belpahar Refractories Limited to the grant of a patent on application No. 130542, made by Orissa Cement Limited as notified in Part III, Section 2 of the Gazette of India, dated the 2nd September 1972, has been partly allowed and a patent has been ordered to be sealed on the application subject to amendment of the specification.

CORRECTION OF CLERICAL ERROR

Under Section 78(1) of the Patents Act, 1970 certain clerical error occurring in the specification of patent application No. 91319 was corrected on the 20th June 1975.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees for copy :—

(1)

117634 121311 121415 121523 121593 121934 122523 122838
122969 123630 123630

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131384 131992 132187 132667 132671 132672 132688 133007
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125332 125764 125996 126382 127081

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124055 125322 125599 125802 126184 126414 126538 127108
127266 128190 128219 128320 128446 129015

PATENTS SEALED

92488 105872 110457 111283 114805 127750 129457 130524
130892 131606 133092 133317 133701 133725 134010 134392
134495 134608 134632 134766 134845 134949 134950 134951
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136127 136128 136129 136140 136141 136143 136145

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Girling Limited in respect of Patent application No. 134889 as advertised in Part III, Section 2 of the Gazette of India dated the 1st March 1975 have been allowed.

**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)**

Assignments, licences or other transaction affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

100034.—M/s Fichet-Bauche.
105152. } —Schmid Laboratories, Inc.
123587. }

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

125604 (6-3-70) Improvements in or relating to the electrochemical production of iron powder from mill scale produced during rolling operations in steel rolling mills or materials of similar nature.

125907 (25-3-70) Improved method of melting cast iron.

126257 (18-4-70) Process and apparatus for the supply of alumina to igneous electrolysis tanks for the preparation of aluminium.

128065 (18-2-70) Reactor and process for producing pigment quality titanium dioxide.

128132 (22-8-70) Process for the preparation of phosphorus dichlorides.

129119 (4-11-70) A method of preparing a catalyst of vanadium titanium oxides for vapor-phase oxidation

and oxidizing ammonolysis of aromatic and heterocyclic compounds.

RENEWAL FEES PAID

71309 72538 72813 73000 73006 73127 73114 73144 73201
 73282 73485 74090 74384 76160 77303 77341 77401 77474
 77574 77598 77661 77880 77905 78130 78204 78264 78352
 78378 78381 78766 78767 79126 79815 80597 82858 83025
 83064 83089 83133 83134 83136 83165 83169 83280 83323
 83335 83352 83397 83413 83501 83502 83503 83546 83593
 83612 83676 83702 83846 83858 83867 83908 84129 84256
 84464 84625 84972 85599 87536 88323 88506 88636 88649
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 95480 95798 95855 99316 100255 100256 100300 100332
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 115941 116223 116283 116347 116500 116535 116597 116640
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 118485 119005 119385 120560 121617 121906 121969 122004
 122015 122016 122036 122070 122071 122105 122111 122148
 122155 122182 122207 122234 122238 122269 122272 122310
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 126465 126595 126640 126927 127203 127225 127301 127345
 127352 127353 127354 127355 127357 127366 127399 127415
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 127673 127674 127709 127715 127721 127722 127733 127734
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 128068 128082 128132 128184 128195 128199 128253 128256
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 131964 131987 132005 132036 132037 132085 132090 132114
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 132222 132235 132241 132264 132265 132277 132302 132307
 132312 132349 132351 132459 132496 132503 132572 132577
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 132824 132832 132866 132878 133047 134075 134209 134289
 135103 135177 135199 135210 135418 135473 135474 135475
 135490 135503 135507 135525 135545 135546 135555 135575
 135627 135643 135756 135775 135883 135961 135962 135976

135983 135996 136031 136054 136068 136077 136131 136132
 136135 136136 136137 136361

CESSATION OF PATENTS

74418 74512 74518 74632 74689 74707 74709 74717 74760
 74831 74912 74945 74946 74953 75078 75079 75080 75192
 75198 75251 75420 75556 75581 75627 75669 75748 75749
 75772 75898 75956 76593 76995 77127 77275 77582 78120
 78821 79155 79323 79598 79657 79681 79724 79764 79841
 79846 79868 79892 80041 80103 80119 80120 80217 80263
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 80628 80709 80732 80794 80823 80837 80838 80897 81004
 81017 81043 81282 81344 81356 81386 81449

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

CLASS 1. No. 142437. Mehta Engineering Enterprise, An Indian Registered Partnership Firm, having its office at : Saki Vihar Road, B. D. Joshi Bldg. Powai, Bombay-400072, Maharashtra, India. "Push button switch position indicator". November 15, 1974.

Class 1. No. 142527. Pressure Cookers & Appliances Private Ltd., United Indian Buildings, Sir Pherozeshah Mehta Road, Bombay-400001, Maharashtra State, India, A company incorporated in India. "Cap for the vent pipe of pressure cooker". December 18, 1974.

Class 1. No. 142528. Pressure Cookers & Appliances Private Ltd., United Indian Buildings, Sir Pherozeshah Mehta Road, Bombay-400001, Maharashtra State, India, A company incorporated in India. "Cap for the steam vent pipe of pressure cooker". December 18, 1974.

Class 1. No. 142738. Ambassador Industries, 13, Beedanpura, Karol Bagh, New Delhi-5, an Indian partnership concern, "Air Cooler". February 18, 1975.

Class 1. Nos. 142749, 142750 & 142751. Ultimus Industries, An Indian Registered partnership firm having its office at : 7, Taher Manzil, 1st floor, Kolsa Cross Lane, Pydhownie, Bombay-400002, Maharashtra, India "Burner plate for stoves". February 22, 1975.

Class 1. No. 142752. Ultimus Industries, An Indian Registered Partnership firm having its office at : 7, Taher Manzil, 1st floor, Kolsa Cross Lane, Pydhownie, Bombay-400002, Maharashtra, India. "Stove burner". February 22, 1975.

Class 1. No. 142821. Narendra & Company, An Indian Proprietary concern, Gandhi Road, Dehradun (U.P.), India. "Sporting pistol". March 21, 1975.

Class 1. No. 142822. Mico Lock Service, An Indian Proprietary Concern, Usman Para, Aligarh, U.P., India, "Lock". March 21, 1975.

Class 3. Nos. 142431, 142432, 142433 & 142434. Ceesham Traders, An Indian Partnership Firm, Seksaria Industrial Estate, 2nd floor Chincholi, Swami Vivekanand Road, Malad, Bombay-64, Maharashtra State, India. "Decorative fitting for vehicles". November 14, 1974.

Class 3. No. 142507 & 142508. Ceesham Traders, an Indian partnership firm, Seksaria Industrial Estate, 2nd floor, Chincholi, Swami Vivekanand Road. Malad, Bombay-64, Maharashtra, India. "Wheel Cap". December 13, 1974.

Class 3. No. 142578. Nita Trading Co., an Indian Partnership concern, C 1/2, Rana Partap Bagh, Delhi-110007, India. "Night lamp". December 30, 1974.

Class 3. No. 142614. Laxmi Products, a sole proprietary firm of Laxmi Nivas, Veer Savarkar Path, Near Marathi School No. 2, Thana-2, Maharashtra, India. An Indian. "Pin of a plug". January 10, 1975.

Class 3. No. 142646. Bhavarial Chhaganlal Mehta, Mehta Enterprises, 239, Sahakar Nagar, Poona-9, Maharashtra State, India, A subject of the Republic of India. "Container". January 17, 1975.

Class 3. No. 142664. Aavaran Limited, a Company Incorporated in India. Alembic Road, City of Baroda, State of Gujarat, India. "Feeding Bottles" January 25, 1975.

Class 3. No. 142666. Pams Industries of Unit No. 9, Ground Floor, 4-B, Shanti Nagar, Vakola, Santacruz East, Bombay-400055, State of Maharashtra, India, a partnership firm registered under Indian partnership Act. "Basket". January 25, 1975.

Class 3. No. 142667. Pams Industries, of Unit No. 9, Ground Floor, 4-B Shanti Nagar, Vakola, Santa-cruz East, Bombay-400055, State of Maharashtra, India, a partnership firm registered under Indian Partnership Act. "Container". January 25, 1975.

Class 3. No. 142668. Pams Industries, of Unit No. 9, Ground Floor, 4-B Shanti Nagar, Vakola, Santa-cruz East, Bombay-400055, State of Maharashtra, India, a partnership firm registered under Indian partnership Act. "Multi-purpose box". January 25, 1975.

Class 3. No. 142680. Ramlal Khandelwal C/o. Ms. Sha Taraji Ramlal, No. 18, Kasi Chetty Street, Madras-600001, Tamil Nadu, India, Indian National, "Containers". January 30, 1975.

Class 3. No. 142784. Moon Plastic Industries, Subhash Nagar, Off Caves Road, Jogeshwari (East), Bombay-400060, Maharashtra State, India, an Indian partnership firm. "Lid of the container". March 11, 1975.

Class 3. No. 142786. Arora Plastics Private Limited (a private limited company incorporated under the Indian Companies Act), 20, 1st floor, Prabhadevi Industrial Estate, Veer Savarkar Marg, Bombay-400025, Maharashtra State, India. "Teapoy". March 11, 1975.

Class 3. No. 142829. Kanuprio Paul, an Indian National, 24, Sushila Sadar, Manchobhai Road, Malad (East), Bombay-400062, Maharashtra State, India. "Tray with ball pens." March 25, 1975.

Class 3. No. 142839. Navin Bhagwandas Mehta, an Indian National of Bhatt Building, 7, Rajputpara, Rajkot-360001, Gujarat State, India. "Self-inking Rubber Stamp". March 29, 1975.

Class 4. No. 142451. Amrut Distilleries Private Limited, a company incorporated in India, of Sampangi Tank Road, Bangalore-560027, Karnataka, "Glass bottles". November 23, 1974.

Class 4. No. 142606. Mit-N-MIR, An Indian registered partnership firm, having its office at : Chandradeep Apartment, Rangildas Mehta Sheri Naka, Gopipura, Surat-2, Gujarat State, India. 'Prefabricated inlet structure'. January 7, 1975.

Class 4. No. 142665. Aavaran Limited, a Company Incorporated in India, Alembic Road, City of Baroda, State of Gujarat, India. "Feeding bottles". January 25, 1975.

Class 4. No. 142817. Ved Parkash, of Gulshan Material Corporation, 1890, Gali Ghante Wali, Chandni Chowk, Delhi 6, an Indian national. "Bottles". March 19, 1975.

Class 10. No. 142398. Mahabali Bajrangbali Industries, 6183, Pakki Gali, Bara Hindu Rao, Delhi-6, a sole proprietor concern. Indian. "Shoes". November 2, 1974.

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Design Nos. 135098 & 135099..... Class 1.
CANCELLATION OF THE REGISTRATION OF DESIGNS
SECTION-51A.

The application made by Manjeet Singh Chawla and others trading as M/s. M. S. Chawla & Co. for cancellation of the registration of Design No. 141937 in the name of Weston Electroniks Private Ltd. which was notified in the Gazette of India, Part-III, Section 2 dated the 28th December, 1974 has been dismissed.

S. VEDARAMAN
Controller-General of Patents, Designs
and Trade Marks

